AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listing of claims in the application. Please amend the claims as follows and cancel the claims marked cancelled without prejudice.

1. (Currently Amended) A method for delivering information in a wireless network, the method comprising:

receiving from a client, a request for delivery of the information;

creating a multicast schedule in response to the request; and

sending a response to the client confirming scheduling of the request;

configuring a power saving protocol of the client to accommodate the scheduled
    multicast delivery of the information; and .

sending the information to the client according to the multicast schedule.

2. (Cancelled)

3. (Currently Amended) The method of claim 1 further comprising:

determining whether a previous multicast schedule created in response to a previous
    request from another client exists for the request; and
    if not, creating the multicast schedule.

4. (Original) The method of claim 1 wherein the request includes a multicast address and a
    quality of service (QoS) identifier.

5. (Original) The method of claim 1 further comprising:

deleting the multicast schedule after all clients associated with the multicast
schedule have been sent the information.

APPLICANT(S): STEPHENS, Adrian
SERIAL NO.:   10/812,660 .
FILED: March 29, 2004
Page 4

6. (Original) The method of claim 5 wherein deleting the multicast schedule comprises receiving a deletion request from each client associated with the multicast schedule to delete the multicast schedule.

7. (Original) The method of claim 1 wherein the wireless network comprises a wireless local area network (WLAN) and wherein the request comprises a transmission specification (TSPEC) request.

8. (Original) The method of claim 2 wherein the response comprises a TSPEC response.

9. (Currently Amended) A method of receiving information in a wireless network, the method comprising:

sending a request for delivery of the information, the request including a multicast designation address;

receiving a response confirming a scheduled multicast delivery of the information, the scheduled multicast delivery of the information created in response to the request for delivery of the information; and

configuring a power saving protocol to accommodate the scheduled multicast delivery of the information; and

receiving the information according to the scheduled multicast delivery.

10. (Cancelled)

11. (Cancelled)

12. (Original) The method of claim 9 wherein the request includes a quality of service (QoS) attribute.

13. (Original) The method of claim 9 wherein the wireless network comprises a wireless local area network (WLAN).

APPLICANT(S): STEPHENS, Adrian
SERIAL NO.:   10/812,660
FILED: March 29, 2004
Page 5

14. (Original) The method of claim 13 wherein the WLAN uses orthogonal frequency division multiplexing (OFDM).

15. (Original) The method of claim 9 wherein the request comprises a transmission specification (TSPEC).

16. (Original) The method of claim 9 further comprising sending a schedule deletion request to delete a multicast schedule.

17. (Currently Amended) A communication apparatus comprising:

    a processing circuit to coordinate a power saving mode of the apparatus with a multicast delivery schedule specified by a network device, wherein the processing portion includes a media access controller (MAC) to request delivery of information from the network device, to receive a notification from the network device of the multicast delivery schedule, and to indicate confirmation of a scheduled multicast delivery from the network device to an application, the scheduled multicast delivery of the information created in response to the request for delivery of information; and

    a radio frequency (RF) interface coupled to the processing circuit.

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Previously Presented) The apparatus of claim 17 wherein the MAC is further configured to send a delete request message requesting removal of the apparatus from the multicast schedule.

22. (Previously Presented) The apparatus of claim 17 wherein the apparatus comprises a wireless user station (STA) and a network adaptor.

APPLICANT(S):   STEPHENS, Adrian
SERIAL NO.:   10/812,660
FILED: March 29, 2004
Page 6

22. (Cancelled)

23. (Currently Amended) The apparatus of claim [[18]] 17 further comprising:

at least two antennas coupled to the RF interface.

24. (Currently Amended) A communication apparatus comprising:

a processing circuit to be able to determine a wireless multicast delivery schedule in accordance with power saving modes of multiple client devices and to notify the multiple client devices of the multicast delivery schedule; and

wherein scheduling of the wireless multicast is based on one or more requests having a multicast address and received from one or more network devices, and a power saving protocol of the multiple clients is configured to accommodate the scheduled multicast delivery.

25. (Original) The device of claim 24 further comprising:

an RF interface coupled with the processing circuit and configured to transmit the wireless multicast according to the schedule determined by the processing circuit.

26. (Original) The apparatus of claim 24 wherein the apparatus comprises a wireless local area network (WLAN) access point.

27. (Cancelled)

28. (Previously Presented) The apparatus of claim 24 wherein the processing circuit is to send the schedule to one or more requesting network devices as a transmission specification (TSPEC) response.

29. (Previously Presented) The apparatus of claim 24 wherein the processing circuit is further to buffer application data packets for the wireless multicast until a time indicated on the schedule.

APPLICANT(S): STEPHENS, Adrian
SERIAL NO.:   10/812,660
FILED: March 29, 2004
Page 7

30. (Original) The apparatus of claim 25 further comprising:

at least two antennas coupled to the RF interfaces for enabling multiple input multiple output (MIMO) communications.

31. (Currently Amended) A communication system comprising:

a radio frequency (RF) transceiver;

at least two antennas electrically coupled to the RF transceiver; and

a data processing circuit electrically coupled with the RF transceiver, wherein the data processing circuit is to determine a wireless multicast delivery schedule in accordance with power saving modes of multiple client devices and to notify the multiple client devices of the multicast delivery schedule; and

wherein scheduling of the wireless multicast is based on one or more requests having a multicast address and received from one or more network devices, and a power saving protocol of the multiple clients is configured to accommodate the scheduled multicast delivery.

32. (Cancelled)

33. (Currently Amended) The communication system of claim [[32]] 31 wherein the requests comprise a transmission specification (TSPEC) including a multicast address and a quality of service (QoS) indicator.

34. (Original) The communication system of claim 31 wherein the communication system comprises a wireless local area network (WLAN) access point (AP).